



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Alexander

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108456

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP83128
Calibration STD Hexa Chrome 0.5 PPM	WP83127
Calibration Std. hexchrome 0.1 ppm	WP83126
Calibration Std. hexchrome 0.05 ppm	WP83125
calibration std. hexchrome 0.01 ppm	WP83123
calibration std. hexchrome 0 ppm	WP83122
Hexavalent Chromium CCV Std	WP83130
hexavalent chromium color reagent	WP83113
0.2N SULFURIC ACID	WP79785
Calibration Std Hexachrome 0.025 ppm	WP83124
Hexavalent Chromium ICV-LCS Std	WP83129

Intercept: 0

Slope: 0.7939

Regression: 0.99998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.66	0.000	0.000	0.000	03/26/2020	10:02
2	CAL2	0.01	1	100	100		2.22	0.000	0.008	0.008	03/26/2020	10:02
3	CAL3	0.025	1	100	100		2.36	0.000	0.019	0.019	03/26/2020	10:03
4	CAL4	0.05	1	100	100		2.12	0.000	0.039	0.039	03/26/2020	10:03
5	CAL5	0.1	1	100	100		2.12	0.000	0.079	0.079	03/26/2020	10:04
6	CAL6	0.5	1	100	100		2.14	0.000	0.401	0.401	03/26/2020	10:04
7	CAL7	1	1	100	100		2.22	0.000	0.792	0.792	03/26/2020	10:05



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.18	0.000	0.398	0.398	0.501	03/26/2020	10:05
2	ICB		1	100	100		2.12	0.000	0.000	0.000	0.000	03/26/2020	10:06
3	CCV1	0.5	1	100	100		2.07	0.000	0.393	0.393	0.495	03/26/2020	10:06
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	03/26/2020	10:07
5	lb108456BL		1	100	100		2.02	0.000	0.000	0.000	0.000	03/26/2020	10:07
6	lb108456BS	0.5	1	100	100		2.08	0.000	0.409	0.409	0.515	03/26/2020	10:08
7	L2048-02		1	100	100		2.17	0.021	0.021	0.000	0.000	03/26/2020	10:08
8	L2048-02DUP		1	100	100		2.24	0.022	0.023	0.001	0.001	03/26/2020	10:09
9	L2048-02MS	1	2	100	100		2.18	0.023	0.408	0.385	0.485	03/26/2020	10:09
10	L2048-02MSD	1	2	100	100		2.20	0.022	0.411	0.389	0.490	03/26/2020	10:10
11	CCV2	0.5	1	100	100		2.01	0.000	0.394	0.394	0.496	03/26/2020	10:11
12	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	03/26/2020	10:11

LB108456

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex- water-3262020

WorkList ID : 137377

Department : Wet-Chemistry

Date : 03-26-2020 09:35:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/26/2020	Water	L2048-02	Hexavalent Chromium	Cool 4 deg C	DVIR01	F62	GW-1-(DISCHARGE)	03/25/2020	SM3500-Cr B

Date/Time 3/26/2020 9:40
Received by: AM
Relinquished by: SS

Date/Time 3/26/2020 10:20
Received by: SS
Relinquished by: AM